

**Listing of Claims:**

Claims 1-32 (canceled).

33. (previously presented): A storage structure comprising:
- a base sheet arranged so that a biological sample may be positioned thereon, wherein a portion of the base sheet partially dissolves in a solution;
  - a transparent polymeric sheet secured to the base sheet, the transparent polymeric sheet comprising an adhesive that contacts the biological sample and a front surface of the base sheet to enclose the biological sample between the transparent polymeric sheet and the front surface of the base sheet and;
  - a backing sheet releasably secured to the transparent polymeric sheet, wherein the storage structure allows at least partial digestion of the biological sample, and a bar code is printed on a reverse surface of the base sheet that is configured to identify the biological sample.
34. (canceled).
35. (previously presented): The device of claim 33, wherein the polymeric sheet is irreversibly adhered together with the base sheet.
36. (previously presented): The device of claim 33, wherein the second surface further comprises information as to how to use the storage structure.
37. (canceled).
38. (previously presented): The device of claim 33, wherein the base sheet is paper.
39. (previously presented): The device of claim 38, wherein the adhesive is permanent adhesive.

40. (canceled).
41. (previously presented): The device of claim 33, wherein the backing sheet is a release paper.
42. (canceled).
43. (canceled).
44. (previously presented): The device of claim 46, wherein the storage structure is configured to allow a hole punch to remove a portion of the biological sample.
45. (previously presented): The device of claim 33, wherein the storage structure dissolves together with a biological sample in a solution.
46. (previously presented): The device of claim 33, wherein the storage structure comprises a biological sample, and wherein the biological sample is animal or plant material.
47. (canceled).
48. (previously presented): The device of claim 33, wherein the solution is an alkali or phenol/chloroform solution.
49. (previously presented): The device of claim 48, wherein the solution is an alkali solution comprising sodium hydroxide.
50. (previously presented): The device of claim 46, wherein the biological sample is animal material.
51. (previously presented): The device of claim 50, wherein the animal material is a bodily fluid.

52. (previously presented): The device of claim 46, wherein the biological sample is plant material.
53. (canceled).
54. (previously presented): The device of claim 33, wherein the polymeric sheet is a clear polypropylene film.
55. (previously presented): A tamper-evident storage structure comprising:
- (a) a base sheet arranged so that the biological sample may be positioned thereon, the base sheet comprising an absorbent material that is secured to a portion of a front surface of the base sheet;
  - (b) a transparent cover sheet secured to the base sheet, the transparent cover sheet comprising an adhesive that contacts the biological sample and the base sheet to enclose the biological sample between the transparent cover sheet and the front surface of the base sheet;
  - (c) a backing sheet releasably secured to the surface of the transparent cover sheet facing the base sheet; and
  - (d) indicia identifying the biological sample;
- wherein the storage structure allows at least partial digestion of the biological sample.
56. (previously presented): The device of claim 55, wherein the cover sheet is adapted for adhesive securement to the base sheet over at least a portion of their facing surfaces.
57. (previously presented): The device of claim 55, wherein the polymeric film is a clear polypropylene film.
58. (previously presented): The device of claim 55, wherein the cover sheet is hingedly secured to the base sheet.

- 59. (previously presented): The device of claim 55, wherein at least a portion of the base sheet partially dissolves in a solution.
- 60. (previously presented): The device of claim 33, wherein the cover sheet is hingedly secured to the base sheet.
- 61. (previously presented): The device of claim 33, wherein the base sheet and transparent polymeric sheet are substantially the same size.
- 62. (previously presented): The device of claim 33, wherein the transparent polymeric sheet is rectangular in shape.
- 63. (previously presented): The device of claim 33, wherein the base sheet is joined by a line of weakness to a second base sheet.
- 64. (previously presented): The device of claim 33, wherein the transparent polymeric sheet is joined by a line of weakness to a second polymeric sheet.
- 65. (previously presented): The device of claim 55, wherein the base sheet and cover sheet are substantially the same size.
- 66. (previously presented): The device of claim 55, wherein the cover sheet is rectangular in shape.
- 67. (previously presented): The device of claim 55, wherein the base sheet is joined by a line of weakness to a second base sheet.
- 68. (previously presented): The device of claim 55, wherein the transparent cover sheet is joined by a line of weakness to a second cover sheet.

69. (previously presented): The device of claim 55, wherein the indicia identifying the biological sample is a bar code.